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Attorney Docket No.: PACT 1000-2

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8**

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner of Patents, Washington, DC 20231, on January 17, 2002.

Amy Jonsson  
Amy Jonsson

Signature Date: January 17, 2002

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application

Inventor(s): GARY POWELL

Appl. No.: 10/038,090

Confirm. No.: N/A

Filed: 29 October 2001

Title: **Method and Device Utilizing Plasma Source for Real-Time Gas Sampling**

Art Unit: *Unassigned*

Examiner: *Unassigned*

**Customer No. 22470**

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56**

Commissioner of Patents  
Washington, DC 20231

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

***Enclosed with this statement are the following:***

- ✓ Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- ✓ A copy of each cited document as required by 37 C.F.R. §1.98. Copies are not submitted of documents previously submitted by the applicant in a parent application from which benefit under 35 U.S.C. §120 is claimed, 37 C.F.R. §1.98(d)(1), with an information disclosure statement submitted in the parent application which complies with the Sept. 8, 2000 or subsequent revision of 37 C.F.R. §1.98(a-c). If any of the cited/submitted documents is in a foreign language, a concise explanation of relevance is provided pursuant to 37 C.F.R. §1.98(a)(3)(i). For foreign language documents cited in a search report by a foreign patent office, the requirement for a concise explanation of relevance

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is satisfied by the submission herewith of an English language version of the search report. MPEP §609A(3). If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in §1.56(c), a copy of the translation accompanies this statement, 37 C.F.R. §1.98(a)(3)(ii), and satisfies the requirement for a concise explanation of relevance, MPEP §609A(3).

*This statement should be considered because:*

☒ **37 C.F.R. §1.97(b).** This statement qualifies under 37 C.F.R. §1.97, subsection (b) because:

- (1) It is being filed within three months of the filing date of an application other than a continued prosecution application under § 1.53(d);  
-- OR --
- (2) It is being filed within 3 months of entry of a national stage;  
-- OR --
- (3) It is being filed before the mailing date of the first Office Action on the merits,  
-- OR --
- (4) It is being filed before the mailing date of the first Office Action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114.

☒ **Fee Authorization.** The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 50-0869. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

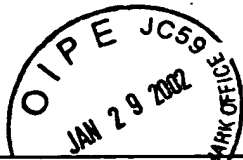
HAYNES BEFFEL & WOLFELD LLP

Date: 17 January 2002

By: 

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Form PTO-1449 (Substitute)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number <b>PACT 1000-2</b>	Serial/Patent Number <b>10/038,090</b>
		Applicant/Patent Owner <b>Gary Powell</b>	
		Filing/Issue Date <b>29 October 2001</b>	Group Art Unit <b>Unassigned</b>

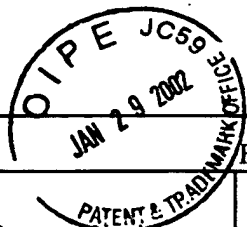
**INFORMATION DISCLOSURE STATEMENT**  
**BY APPLICANT**  
*(Use several sheets if necessary)*

U.S. PATENTS							
Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
		6,134,005	10/17/00	Smith, Jr. et al.	356	346	04/23/98
		5,949,193	09/07/99	Roine et al.	315	111.51	10/10/96
		4,147,431	04/03/79	Mann	356	72	01/25/78
		5,857,890	01/12/99	Ferran	445	67	03/21/97
		5,273,610	12/28/93	Thomas, II et al.	156	345	06/23/92
		5,326,975	07/05/94	Barna	250	372	06/15/93
		4,609,426	09/02/86	Ogawa et al.	156	626	05/22/85
		5,963,336	10/05/99	McAndrew et al.	356	437	09/10/96
		6,045,618	04/04/00	Raoux et al.	118	715	10/30/96
		6,046,796	04/04/00	Markle et al.	356	72	04/22/98
		6,068,783	05/30/00	Szetsen	216	60	04/28/98
		4,859,277	08/22/89	Barna et al.	156	626	05/03/88
		4,847,792	07/11/89	Barna et al.	364	552	05/04/87
		5,546,322	08/13/96	Gifford et al.	364	497	04/12/94
		5,877,032	03/02/99	Guinn et al.	438	9	08/27/96

U.S. PATENT PUBLICATIONS			
Examiner Initial		Patent Application Publication Number	Publication Date

PENDING U.S. PATENT APPLICATIONS				
Examiner Initial		Application Number	Filing Date	First Named Inventor

Petition to  
 Expunge?  
 Yes | No



FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
		58084431 A	20/05/83	Japan			Abstract only	

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)		
		Danner et al. <i>Downstream Atomic Monitoring for Absolute Etch Rate Determinations</i> J. Electrochem. Soc: Solid-State Science and Technology April 1983
		Lichtman <i>Residual Gas Analysis: Past, Present and Future</i> J. Vac. Sci. Technol. A 8 (3) May/June 1990, 1990 American Vacuum Society

Examiner	Date Considered
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> <hr/> <p>*1 = Copy not submitted because it was submitted in prior application SN __/____, filed _____, 20____, relied on under 35 USC §120. *2 = Copy not submitted because it was submitted in prior application SN __/____, filed _____, 20____, relied on under 35 USC §120.</p>	